

Laboratory Testing Algorithm for Patients with Suspect Avian Influenza A (H7N9)

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Patient must meet **clinical** criteria AND **exposure** criteria for testing authorization

Clinical criteria: Does patient have an illness compatible with influenza virus infection (fever > 100°F, with cough and/or sore throat) based on clinical or radiological evidence?

YES

Patient meets CLINICAL criteria. Determine if patient meets at least one of the exposure criteria.

NO

Patient DOES NOT meet clinical criteria. No specimen authorized. Instruct patient if symptoms worsen to return for re-evaluation.

If NO to all three, then the patient DOES NOT meet exposure criteria. No further action needed. Can call ISDH for consultation.

NO

Exposure criteria: Did patient have **history of travel** from China within 10 days before symptom onset?

YES

NO

Did patient have **recent close contact** with a symptomatic traveler who developed an influenza-like illness within 10 days after traveling from China?

YES

NO

Is patient a member of a cluster of patients being evaluated for influenza H7N9 infection, in consultation with state and local health departments?

YES

Patient meets EXPOSURE criteria. Place patient in droplet isolation and call ISDH for testing authorization at 317-233-7125. After hours, call 317-233-1325.

Areas of greatest interest in or near China: Anhui, Beijing, Fujian, Gansu, Guangdong, Guangxi, Hebei, Henan, Hong Kong, Jiangsu, Jiangxi, Liaoning, Shanghai, Sichuan, Yunnan, Zhejiang, and Tibet

Close contact is defined as a) any person who provided care for the patient, including a healthcare worker or family member, or had similarly close physical contact; or b) any person who stayed at the same place (e.g. lived with, visited) as the patient while the patient was ill. Consult CDC website at www.cdc.gov for more information. At this time brief interactions, such as walking by a person, are considered low risk and does not constitute close contact.